| Ref<br># | Hits           | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|----------------|--|---|---------------------|---------|------------------|
| L1       | 24             | (("1809185") or ("2452367") or<br>("3354292") or ("3377463") or<br>("3983360") or ("4152577") or<br>("4175614") or ("4243381")).PN   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/21 11:05 |
| L2       | <b>4241050</b> | electric   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/21 11:05 |
| L3       | 4338720        | electric or electricity  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/21 11:06 |
| L4       | 9              | 3 and 1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/21 11:06 |
| L5       | 11213          | ((422/1) or (422/22) or (165/5) or<br>(165/95) or (110/216) or<br>(122/379) or (208/48R) or<br>(208/369) or (204/525) or (134/1)<br>or (134/22.11-22.12) or<br>(134/18)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/12/21 11:44 |
| L6       | 293827         | ((electric or electrical) adj charge)<br>or (electricity)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR                  | ON      | 2005/12/21 11:58 |
| L7       | 1              | Salbilla-Dennis-L.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/12/21 11:47 |
| L8       | 339293         | (petroleum) or (petrochemical) or (refining or refinery or refineries)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR                  | ON      | 2005/12/21 11:49 |

| L9  | 5149048 | fouling or foul or deposit or layer<br>or film  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/12/21 11:50 |
|-----|---------|---|---|----|-----|------------------|
| L10 | 6542395 | remove or removing or prevent or<br>preventing or clean or cleaning   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/12/21 11:51 |
| L11 | 3419616 | (pipe) or (piping) or (heat adj<br>exchanger) or (tube) or (tubing)<br>or (condenser) or (cooler) or<br>(superheater) or (evaporator) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/12/21 11:53 |
| L12 | 447     | 9 same 10 same 11 same 6  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/12/21 11:54 |
| L13 | 2       | 12 same 8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/12/21 11:54 |
| L14 | 10      | 12 and 5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/21 11:55 |
| L15 | 1781    | (165/95).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/21 11:58 |
| L16 | 297974  | ((electric or electrical) adj charge)<br>or (electricity) or (electro-static\$)<br>or (electro adj static)                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/12/21 11:59 |
| L17 | 298011  | ((electric or electrical) adj charge) or (electricity) or (electro-static\$) or (electro adj static\$)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/12/21 11:59 |
| L18 | 3024    | 17 same 10 same 11  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/12/21 12:00 |

| L19 | 11      | 18 and 15   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/12/21 12:00 |
|-----|---------|---|---|----|-----|------------------|
| S1  | 4113    | ((422/1) or (422/22) or (165/5) or<br>(165/95) or (110/216) or<br>(122/379)):CCLS:  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/21 11:43 |
| S2  | 536     | (electric or electrical) adj charge<br>and heat adj exchanger and fluid   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/12/21 11:45 |
| S3  | 11      | (electric or electrical) adj charge<br>with heat adj exchanger and fluid  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/05/29 17:51 |
| S4  | 1351367 | control with magnitude with<br>(electric or electrical) adj charge<br>or fluid  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/05/29 17:52 |
| S5  | 9       | ((electric or electrical) adj charge<br>and heat adj exchanger and fluid)<br>and (((422/1) or (422/22) or<br>(165/5) or (165/95) or (110/216)<br>or (122/379)):CCLS.)     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/04/19 12:23 |
| S6  | 2       | ((electric or electrical) adj charge<br>with heat adj exchanger and fluid)<br>and (((422/1) or (422/22) or<br>(165/5) or (165/95) or (110/216)<br>or (122/379)).CCLS.)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/05/29 17:52 |
| S7  | 1188    | (control with magnitude with<br>(electric or electrical) adj charge<br>or fluid) and (((422/1) or (422/22)<br>or (165/5) or (165/95) or<br>(110/216) or (122/379)).CCLS.) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/05/29 17:52 |
| S8  | 245235  | (petroleum) or (petrochemical)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/12/21 11:48 |
| S9  | 581     | (electric or electrical) adj charge<br>and heat adj exchanger and fluid   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/18 15:43 |

| S10 | 113   | ((electric or electrical) adj charge<br>and heat adj exchanger and fluid )<br>and ((petroleum) or<br>(petrochemical))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/18 15:39 |
|-----|-------|---|---|----|-----|------------------|
| S11 | 1627  | ((165/5) or (165/95)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/10/18 15:40 |
| S12 | 47    | (((165/5) or (165/95)).CCLS.) and ((petroleum) or (petrochemical))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/04/19 12:23 |
| S13 | 95964 | (electric or electrical) adj charge   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/10/18 15:43 |
| S14 | 37139 | ("134"/\$).ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/02 11:34 |
| S15 | 585   | (electric or electrical) adj charge<br>and heat adj exchanger and fluid   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/11/02 11:34 |
| S16 | 11    | ((electric or electrical) adj charge<br>and heat adj exchanger and fluid )<br>and (("134"/\$).ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/04/19 12:23 |
| S17 | 10    | ((electric or electrical) adj charge<br>and heat adj exchanger and fluid)<br>and (((422/1) or (422/22) or<br>(165/5) or (165/95) or (110/216)<br>or (122/379)):CCLS:) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/04/19 12:23 |
| S18 | 12    | ((electric or electrical) adj charge<br>and heat adj exchanger and fluid )<br>and (("134"/\$).ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/04/19 12:23 |
| S19 | 47    | (((165/5) or (165/95)).CCLS.) and<br>((petroleum) or (petrochemical))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/04/19 12:23 |